

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B6400409

PRINT DATE: 10/04/16

PAGE: 01

SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

VENDOR ID:

MARYLAND NAUTICAL SALES
MARYLAND NAUTICAL SALES
1400 EAST CLEMENT ST
BALTIMORE, MD 21230
(410) 752-4268

REFER QUESTIONS TO:

IRIS LESTER BELL
(410) 767-4612
IRIS.LESTER@MARYLAND.GOV

ITB:

EXPR DATE: 05/31/17
POST DATE: 04/07/16

DISCOUNT TERMS: . NET 30 DAY
CONTRACT AMOUNT: 317,739.36

TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

AGENCY CONTRACT FOR

BUOY MARKERS

THIS IS THE FINAL RENEWAL AGAINST 001B4400617

DESIGNATED AGENCY: DEPARTMENT OF NATURAL RESOURCES
BOATING SERVICES UNIT

AGENCY CONTACT: MARY HUFFMAN
(410) 643-6521

VENDOR: MARYLAND NAUTICAL SALES

VENDOR CONTACT: TED APPLGARTH
410-752-6157

REQUIREMENTS CONTRACT FOR SUPPLYING THE USING AUTHORITY WITH THEIR
NEED FOR THE FOLLOWING ITEM(S) FOR THE CONTRACT PERIOD SPECIFIED

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TERMS (cont'd):

BELOW.

SCOPE OF CONTRACT:

THE TERM OF THIS CONTRACT WILL BE FOR ONE (1) YEAR WITH THE SAME TERMS, CONDITIONS AND PRICES.

CONTRACT PERIOD: JUNE 1, 2016 THRU MAY 31, 2017

PRICE ESCALATION:

AT THE TIME OF RENEWAL, THE CONTRACT PRICES THEN PREVAILING ARE SUBJECT TO AN INCREASE WHICH IS NOT TO EXCEED THE CURRENT RATE OF INFLATION AS DETERMINED BY THE CONSUMER PRICE INDEX (CPI) PREVAILING AT THE TIME OF RENEWAL. NO OTHER PRICE INCREASE WILL BE PERMITTED. ALL OTHER ITEMS, CONDITIONS AND SPECIFICATIONS WILL REMAIN THE SAME.

THE BLANKET PURCHASE ORDER (BPO) ISSUED AS A RESULT OF THE INVITATION TO BID (ITB) AND ANY SUBSEQUENT AMENDMENTS, MODIFICATIONS OR OPTIONS ISSUED RELEVANT TO THE ITB OR BPO, SHALL COMPLY WITH ALL OF THE TERMS, CONDITIONS AND SPECIFICATIONS ISSUED WITH THE ITB AND ARE INCORPORATED IN AND MADE PART OF THE BPO.

STATE YOUR FEDERAL TAX IDENTIFICATION # _____

IF THE STATE OF MARYLAND OR OTHER REGULATOR BODY REQUIRES A LICENSE OR CERTIFICATE TO PERFORM THE SERVICES REQUIRED, PLEASE PROVIDE THE LICENSE NUMBER AND DATE OF ISSUANCE.

LICENSE NUMBER

DATE OF EXPIRATION

IF YOU ARE A DEPARTMENT OF TRANSPORTATION CERTIFIED MINORITY BUSINESS, PLEASE PROVIDE YOUR CERTIFICATION NUMBER.

MDOT'S MBE CERTIFICATION NUMBER

MARYLAND, EXCEPT AS PROVIDED IN (B) THE FOLLOWING ENTITIES MAY PURCHASE MATERIALS, SUPPLIES AND EQUIPMENT UNDER THIS CONTRACT:

- (1) A COUNTY OR BALTIMORE CITY;
- (2) A MUNICIPAL CORPORATION;
- (3) A GOVERNMENTAL AGENCY IN THE STATE;
- (4) A PUBLIC OR QUASI-PUBLIC AGENCY THAT:
 - (I) RECEIVES STATE MONEY; AND
 - (II) IS EXEMPT FROM TAXATION UNDER SECTION 501 (C)(3) OF THE INTERNAL REVENUE CODE;

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TERMS (cont'd):

- (5) A PRIVATE ELEMENTARY OR SECONDARY SCHOOL THAT:
- (I) EITHER HAS BEEN ISSUED A CERTIFICATE OF APPROVAL FROM THE STATE BOARD OF EDUCATION OR IS ACCREDITED BY THE ASSOCIATION OF INDEPENDENT SCHOOL; AND
 - (II) IS EXEMPT FROM TAXATION UNDER SECTION 501 (C)(3) OF THE INTERNAL REVENUE CODE; OR
- (6) A NON PUBLIC INSTITUTION OF HIGHER EDUCATION UNDER SECTION 17-106 OF THE EDUCATION ARTICLE.
- (B) A PRIVATE ELEMENTARY OR SECONDARY SCHOOL OR A NONPUBLIC INSTITUTION OF HIGHER EDUCATION MAY NOT PURCHASE RELIGIOUS MATERIALS UNDER THIS CONTRACT.
- (C) THE RIGHT TO PURCHASE UNDER THIS SECTION SHALL BE IN ADDITION TO BUT NOT IN SUBSTITUTION FOR, THE APPLICABLE PURCHASING POWER GRANTED TO ANY OF THE LISTED ENTITIES PURSUANT TO ANY STATUTORY OR CHARTER PROVISION.
- (D) ALL PURCHASE UNDER THIS CONTRACT BY ANY SUCH ENTITY WHICH IS NOT A UNIT OR AGENCY OF THE STATE OF MARYLAND FOR WHICH THE STATE OF MARYLAND MAY BE HELD LIABLE IN CONTRACT (1) SHALL CONSTITUTE A PURCHASE OR CONTRACT BETWEEN THE CONTRACTOR AND THAT ENTITY ONLY, (2) SHALL NOT CONSTITUTE A PURCHASE OR CONTRACT OF THE STATE OF MARYLAND, (3) SHALL NOT BE BINDING OR ENFORCEABLE AGAINST THE CONDITIONS AGREED TO BY THE CONTRACTOR AND THE PURCHASER. CONTRACTOR BEARS THE RISK OF DETERMINING WHETHER OR NOT ANY ENTITY FROM WHICH THE CONTRACTOR RECEIVES AN ORDER UNDER THE CONTRACT IS A UNIT OR AGENCY OF THE STATE OF MARYLAND SUCH THAT THE CONTRACT MAY BE ENFORCED AGAINST THE STATE OF MARYLAND.

<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>		
0001	12026-000001	EA	272.8300		

BUOYS, MARKER

LINE ITEM #1 - REGULATORY CAN BUOY: TO BE JIM BUOY MODEL 14000 (COLOR: WHITE) ONLY, NO SUBSTITUTES WILL BE ACCEPTED. BUOY, REGULATORY, CAN, WITH ATTACHED EXTERNAL COUNTERBALANCE, PER THE FOLLOWING SPECIFICATIONS: DIAMETER: 15 INCHES MAX., 12 INCHES MIN. LENGTH OVERALL: 72 INCHES MAX., 64 INCHES MIN. WEIGHT: 40 POUNDS MAX. COLOR: WHITE, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS. THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS.

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THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO SEVENTY-FIVE FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED. WHEN MOORED IN 50 FEET OF WATER AT LEAST 40 INCHES OF THE BUOY MUST BE EXPOSED. THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE. THE REGULATORY CAN BUOY IS TO HAVE STRAIGHT VERTICAL SIDES. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED. A WELDED OR FORGED GALVANIZED OR STAINLESS STEEL EYE OF 1/2" MATERIAL IS TO BE PROVIDED AT THE LOWEST POINT OF THE BUOY FOR ATTACHING THE ANCHOR ROD WITH A 3/8" SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYE IS TO BE SECURELY ATTACHED SO THAT IT WILL NOT PULL OUT OR DETACH FROM THE BODY OF THE BUOY. THE BUOY TOPS ARE TO BE MADE OF SIMILAR BUOY MATERIAL. TOPS ARE TO BE 4-7/8" IN DIAMETER, 1/16" THICK WITH THREE PREDRILLED HOLES FOR SECURING WITH SCREWS. NO GASKET NECESSARY. THREE (3) EACH 8 X 3/4" SELF-TAPPING STEEL SCREWS ARE TO BE SUPPLIED PER BUOY. BUOY TOPS AND SCREWS ARE NOT TO BE ATTACHED TO BUOYS, BUT SHIPPED SEPARATELY. COLOR OF TOP TO MATCH BUOY COLOR.

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BUOYS, MARKER

LINE ITEM #2 - NAVIGATIONAL CAN BUOY: TO BE JIM BUOY MODEL 14001 (COLOR: GREEN) ONLY, NO SUBSTITUTES WILL BE ACCEPTED. BUOY, NAVIGATIONAL, CAN, WITH ATTACHED EXTERNAL COUNTERBALANCE, PER THE FOLLOWING SPECIFICATIONS: DIAMETER: 15 INCHES MAX., 12 INCHES MIN. LENGTH OVERALL: 72 INCHES MAX., 64 INCHES MIN., WEIGHT: 40 POUNDS MAX., COLOR: GREEN, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS.

THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS. THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO SEVENTY-FIVE FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED. WHEN MOORED IN 50 FEET OF WATER AT LEAST 40 INCHES OF THE BUOY MUST BE EXPOSED. THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROP

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PING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE. THE NAVIGATIONAL CAN BUOY IS TO HAVE STRAIGHT VERTICAL SIDES. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED. A WELDED OR FORGED GALVANIZED OR STAINLESS STEEL EYE OF 1/2" MATERIAL IS TO BE PROVIDED AT THE LOWEST POINT OF THE BUOY FOR ATTACHING THE ANCHOR ROD WITH A 3/8" INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYE IS TO BE SECURELY ATTACHED SO THAT IT WILL NOT PULL OUT OR DETACH FROM THE BODY OF THE BUOY. THE BUOY TOPS ARE TO BE MADE OF SIMILAR BUOY MATERIAL. TOPS ARE TO BE 4-7/8" IN DIAMETER, 1/16" THICK WITH THREE PREDRILLED HOLES FOR SECURING WITH SCREWS. NO GASKET NECESSARY. THREE (3) EACH 8 X 3/4" SELF-TAPPING STEEL SCREWS ARE TO BE SUPPLIED PER BUOY. BUOY TOPS AND SCREWS ARE NOT TO BE ATTACHED TO BUOYS, BUT SHIPPED SEPARATELY. COLOR OF TOP TO MATCH BUOY COLOR.

0003	12026-000001	EA	280.6800
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BUOYS, MARKER

LINE ITEM #3 - NAVIGATIONAL NUN BUOY:
TO BE JIM BUOY MODEL 14002 (COLOR: RED) ONLY, NO SUBSTITUTES WILL BE ACCEPTED. BUOY, NAVIGATIONAL, NUN, WITH ATTACHED EXTERNAL COUNTERBALANCE, PER THE FOLLOWING SPECIFICATIONS:
DIAMETER: 15 INCHES MAX., 12 INCHES MIN.
LENGTH OVERALL: 72 INCHES MAX., 64 INCHES MIN.
WEIGHT: 40 LBS MAX.
COLOR: RED, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS. THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS. THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO SEVENTY-FIVE FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED. WHEN MOORED IN 50 FEET OF WATER AT LEAST 40 INCHES OF THE BUOY MUST BE EXPOSED. THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE.

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THE NAVIGATIONAL NUN BUOY IS TO HAVE SIDES THAT TAPER TO 6 INCH TOP DIAMETER STARTING APPROXIMATELY 24 INCHES BELOW THE TOP OF THE BUOY. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED. A WELDED OR FORGED GALVANIZED OR STAINLESS STEEL EYE OF 1/2" MATERIAL IS TO BE PROVIDED AT THE LOWEST POINT OF THE BUOY FOR ATTACHING THE ANCHOR ROD WITH A 3/8 INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYE IS TO BE SECURELY ATTACHED SO THAT IT WILL NOT PULLOUT OR DETACH FROM THE BODY OF THE BUOY.

THE BUOY TOPS ARE TO BE MADE OF SIMILAR BUOY MATERIAL. TOPS ARE TO BE 4-7/8" IN DIAMETER, 1/16" THICK WITH THREE PREDRILLED HOLES FOR SECURING WITH SCREWS. NO GASKET NECESSARY.

THREE (3) EACH 8 X 3/4" SELF- TAPPING STEEL SCREWS ARE TO BE SUPPLIED PER BUOY.

BUOY TOPS AND SCREWS ARE NOT TO BE ATTACHED TO BUOYS, BUT SHIPPED SEPARATELY.

COLOR OF TOP TO MATCH BUOY COLOR.

0004	12026-000001	EA	304.8200
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BUOYS, MARKER

LINE ITEM #4 - DEEP WATER REGULATORY CAN BUOY:

TO BE JIM BUOY MODEL 14003 (DOG BONE; COLOR: WHITE) ONLY, NO SUBSTITUTES WILL BE ACCEPTED.

BUOY, REGULATORY, CAN, WITH INTERNAL - POUND COUNTERBALANCE, PER THE FOLLOWING SPECIFICATIONS:

DIAMETER: 19 INCHES MAX., 14 INCHES MIN.

LENGTH OVERALL: 72 INCHES MAX., 64 INCHES MIN.

WEIGHT: 95 POUNDS MAX.

COLOR: WHITE, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS. THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS. THEY WILL BE PLACED USING LARGE (65-100 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM TWENTY TO SEVENTY FIVE FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY TWENTY FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED.

WHEN MOORED IN 50 FEET OF WATER AT LEAST 40 INCHES OF THE BUOY MUST BE EXPOSED.

THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE.

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THE REGULATORY CAN BUOY IS TO HAVE STRAIGHT VERTICAL SIDES. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED. A WELDED OR FORGED GALVANIZED OR STAINLESS STEEL EYE OF 5/8" MATERIAL IS TO BE PROVIDED AT THE LOWEST POINT OF THE BUOY FOR ATTACHING THE ANCHOR ROD WITH A 3/8 INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYE IS TO BE SECURELY ATTACHED SO THAT IT WILL NOT PULLOUT OR DETACH FROM THE BODY OF THE BUOY.

THE BUOY TOPS ARE TO BE MADE OF SIMILAR BUOY MATERIAL. TOPS ARE TO BE 4-7/8" IN DIAMETER, 1/16" THICK WITH THREE PREDRILLED HOLES FOR SECURING WITH SCREWS. NO GASKET NECESSARY.

THREE (3) 8 X 3/4" SELF-TAPPING STEEL SCREWS ARE TO BE SUPPLIED PER BUOY.

BUOY TOPS AND SCREWS ARE NOT TO BE ATTACHED TO BUOYS, BUT SHIPPED SEPARATELY. COLOR OF TOP TO MATCH BUOY COLOR.

0005	12026-000001	EA	86.2300
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BUOYS, MARKER

LINE ITEM #5 - SHALLOW WATER NAVIGATIONAL CAN BUOY:

TO BE JIM BUOY MODEL 14004 (GREEN MUNCHKIN), OR EQUAL, NO SUBSTITUTES WILL BE ACCEPTED.

BUOY, NAVIGATIONAL, CAN, WITH THE FOLLOWING SPECIFICATIONS:

DIAMETER: 13 INCHES MAX., 12 INCHES MIN.

LENGTH OVERALL: 29 INCHES MAX., 26 INCHES MIN.

WEIGHT: 16 POUNDS MAX.

COLOR: GREEN, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS.

THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS IN WATER TOO SHALLOW FOR STANDARD SIZED BUOYS. THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO TEN FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED.

THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE. THE NAVIGATIONAL CAN BUOY IS TO HAVE STRAIGHT VERTICAL SIDES.

THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE

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POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED.
A GALVANIZED OR STAINLESS STEEL ROD OF 1/2" DIAMETER MATERIAL IS TO BE PROVIDED THAT EXTENDS THROUGH THE INTERIOR OF THE BUOY FROM THE LOWEST TO THE HIGHEST POINT OF THE BUOY. AT THE TOP AND BOTTOM OF THE BUOY A WELDED OR FORGED EYE WITH A 1-1/4 INCH (MIN.) DIAMETER IS TO BE PROVIDED FOR ATTACHING THE ANCHOR ROD WITH A 3/8 INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYES ARE TO BE SECURELY ATTACHED TO THE INTERIOR ROD SO THAT THEY WILL NOT PULL OUT OR DETACH FROM THE BODY OF THE BUOY.
FOR MODELS: 14004 - GREEN MUNCHKIN; 14005 - RED MUNCHKIN; 14006 - WHITE MUNCHKIN:
THE SWIVEL END OF ROD IS TO BE ATTACHED TO THE TOP OF BUOY WITH FIXED EYE AT BOTTOM FOR SCREW PIN SHACKLE ATTACHMENT.

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BUOYS, MARKER

LINE ITEM #6 - SHALLOW WATER NAVIGATIONAL NUN BUOY:
TO BE JIM BUOY MODEL 14005, OR EQUAL, NO SUBSTITUTES WILL BE ACCEPTED.
BUOY, REGULATORY, CAN, WITH THE FOLLOWING SPECIFICATIONS:
DIAMETER: 13 INCHES MAX., 12 INCHES MIN.
LENGTH OVERALL: 29 INCHES MAX., 26 INCHES MIN.
WEIGHT: 16 POUNDS MAX.
COLOR: RED, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS.
THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS NAVIGATIONAL CHANNELS IN WATER TOO SHALLOW FOR STANDARD SIZED BUOYS. THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO TEN FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED.
THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE, THE NAVIGATIONAL NUN BUOY IS TO HAVE SIDES THAT TAPER TO A 6 INCH TOP DIAMETER STARTING APPROXIMATELY 12 INCHES BELOW THE TOP OF THE BUOY. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED.
A GALVANIZED OR STAINLESS STEEL ROD OR 1/2" DIAMETER MATERIAL IS TO

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BE PROVIDED THAT EXTENDS THROUGH THE INTERIOR OF THE BUOY FROM THE LOWEST TO THE HIGHEST POINT OF THE BUOY. AT THE TOP AND BOTTOM OF THE BUOY A WELDED OR FORGED EYE WITH A 1-1/4 INCH (MIN.) DIAMETER IS TO BE PROVIDED FOR ATTACHING THE ANCHOR ROD WITH A 3/8 INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYES ARE TO BE SECURELY ATTACHED TO THE INTERIOR ROD SO THAT THEY WILL NOT PULL OUT OR DETACH FROM THE BODY OF THE BUOY.

FOR MODELS: 14004 - GREEN MUNCHKIN; 14005 - RED MUNCHKIN 14006 - WHITE MUNCHKIN:

THE SWIVEL END OF ROD IS TO BE ATTACHED TO THE TOP OR BUOY WITH FIXED EYE AT BOTTOM FOR SCREW PIN SHACKLE ATTACHMENT.

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BUOYS, MARKER

LINE ITEM #7 - SHALLOW WATER REGULATORY CAN BUOY:

TO BE JIM BUOY MODEL 14006, OR EQUAL, NO SUBSTITUTES WILL BE ACCEPTED.

BUOY, REGULATORY, CAN, WITH THE FOLLOWING SPECIFICATIONS:

DIAMETER: 13 INCHES MAX., 12 INCHES MIN.

LENGTH OVERALL: 29 INCHES MAX., 26 INCHES MIN.

WEIGHT: 16 POUNDS MAX.

COLOR: WHITE, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS.

THESE BUOYS ARE TO BE USED FOR MARKING VARIOUS REGULATORY LINES IN WATER TOO SHALLOW FOR STANDARD SIZED BUOYS. THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO TEN FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR ROD WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY SIX FEET OF WATER WITH NO ADDITIONAL COUNTERBALANCING ATTACHED.

THE BUOY IS TO BE CONSTRUCTED OF WEATHER, SUN, IMPACT AND SEAGULL DROPPING RESISTANT HARD PLASTIC (POLYETHYLENE, ABS, ETC.), WITH A SHELL THICKNESS OF 1/10 INCH MIN., IN A GENERALLY CYLINDRICAL SHAPE. THE REGULATORY CAN BUOY IS TO HAVE STRAIGHT VERTICAL SIDES. THE COLOR IS TO BE MOLDED INTO THE PLASTIC. THE SURFACE OF THE BUOY MUST BE BLANK AND RELATIVELY SMOOTH TO ACCEPT AND HOLD APPLICATION OF PAINT AND HIGH INTENSITY GRADE REFLECTIVE TAPE. THERE IS TO BE POSITIVE FLOATATION INSTALLED IN THE INTERIOR OF THE BUOY THAT WILL SUPPORT THE BUOY WHEN THE INTERIOR IS FLOODED.

A GALVANIZED OR STAINLESS STEEL ROD OF 1/2" DIAMETER MATERIAL IS TO BE PROVIDED THAT EXTENDS THROUGH THE INTERIOR OF THE BUOY FROM THE LOWEST TO THE HIGHEST POINT OF THE BUOY. AT THE TOP AND BOTTOM OF THE BUOY A WELDED OR FORGED EYE WITH A 1-1/4 INCH (MIN.) DIAMETER IS TO BE PROVIDED FOR ATTACHING THE ANCHOR ROD WITH A 3/8 INCH SCREW PIN

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SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). THE EYES ARE TO BE SECURELY ATTACHED TO THE INTERIOR ROD SO THAT THEY WILL NOT PULL OUT OR DETACH FROM THE BODY OF THE BUOY.

FOR MODELS: 14004 - GREEN MUNCHKINL 14005 - RED MUNCHKINL 14006 - WHITE MUNCHKIN:

THE SWIVEL END OF ROD IS TO BE ATTACHED TO THE TOP OF BUOY WITH FIXED EYE AT BOTTOM FOR SCREW PIN SHACKLE ATTACHMENT.

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BUOYS, MARKER

LINE ITEM #8 - MULTI- PURPOSE HIGH VISIBILITY BUOY:

TO BE JIM BUOY MODEL 424, OR EQUAL, NO SUBSTITUTES WILL BE ACCEPTED. BUOY A DELUXE SERIES MOORING BUOY WITH THE FOLLOWING SPECIFICATIONS: DIAMETER: 25 INCHES MAX., 22 INCHES AT WIDEST POINT LENGTH: 47 INCHES MAX., 44 INCHES TALLEST POINT WEIGHT: 18 LBS.

COLOR: WHITE, PER USCG UNIFORM WATERWAY MARKING SYSTEM REQUIREMENTS THESE BUOYS ARE TO BE USED IN MARKING A WIDE VARIETY WAYS, MOSTLY FOR HIGH VISIBILITY NEEDS.

THEY WILL BE PLACED USING BOTH LARGE (65-100 FOOT) AND SMALL (16-25 FOOT) BUOY TENDERS IN WATER DEPTHS RANGING FROM FOUR TO SEVENTY FIVE FEET. THE BUOY, WITH 5/16 INCH CHAIN ANCHOR RODE WILL BE REQUIRED TO STAND UPRIGHT (WITHIN 20 DEGREES OF VERTICAL) IN APPROXIMATELY 15 FEET OF WATER WITH NO ADDITIONAL COUNTER BALANCING ATTACHED. WHEN MOORED IN 50 FEET OF WATER AT LEAST 36 INCHES OF THE BUOY MUST BE EXPOSED.

THE BUOY IS TO BE CONSTRUCTED OF HIGH DENSITY FOAM, ASSURING LASTING DURABILITY. ALL HARDWARE IS TO BE HOT-DIPPED GALVANIZED MEDIUM CARBON STEEL OR STAINLESS STEEL ROD OF 5/8 INCH DIAMETER MATERIAL THAT WILL EXTEND THROUGH THE INTERIOR OF THE BUOY FROM THE LOWEST POINT TO THE HIGHEST POINT OF THE BUOY. AN EYE NEEDS TO BE ON THE END OF THE ROD FORE MENTIONED WITH A MINIMUM 1/14 INCH DIAMETER OPENING AT THE TOP OF THE BUOY, AND A 5/8 INCH THICK, SWIVEL AT THE BOTTOM END WITH THE SAME MINIMUM OPENING AS THE TOP, AND MADE OF THE SAME MATERIAL. THIS ROD WITH AN EYE AT THE TOP AND SWIVEL AT THE BOTTOM SHOULD BE MOLDED INTO THE BUOY RESULTING IN NO LOSS OF FLOATATION AND NECESSARY TO ATTACH AN ANCHOR RODE USING 3/8 INCH SCREW PIN SHACKLE (SHACKLE TO BE PROVIDED BY THE STATE). RUBBER BUMPERS NEAR THE TOP EDGE AND ALONG THE WIDEST POINT EDGE TO GIVE ADDED PROTECTION IN CONTACT. ALL BUOYS SHOULD HAVE AN EXTERIOR COATING TO RESIST EXTREME WEATHERING, MOST CHEMICALS AND FUELS.

END OF ITEM LIST

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

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AUTHORIZED BY: _____ **DATE:** _____

BUYER AUTHORIZED DESIGNEE